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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/687,991	10/13/2000	Jai Rawat	OBON0003	1050
22862	7590	03/09/2005	EXAMINER	
GLENN PATENT GROUP 3475 EDISON WAY, SUITE L MENLO PARK, CA 94025			SALAD, ABDULLAHI ELMI	
			ART UNIT	PAPER NUMBER

2157

DATE MAILED: 03/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/687,991

Applicant(s)

RAWAT ET AL.

Examiner

Salad E Abdullahi

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 19 January 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-3,5,8-10,13-16,19-22,24-26 and 28-30 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3,5,8-10,13-16,19-22,24-26 and 28-30 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 1/19/2005 has been entered.
2. Applicant's arguments with respect to claims 1-3, 5, 8-10, 13-16, 19-22, 24-26 and 28-30 have been fully considered but are moot in view of new ground of rejection.
3. Applicant's argument with respect claims 1, 13 and 24 rejected under 35 U.S.C. 112, first paragraph, is persuasive. Thus, examiner withdraws the 35 U.S.C. 112, first paragraph rejection to claims 1, 13 and 24.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein

Art Unit: 2157

were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

6. Claims 1-3, 5, 8-10, 13-16, 19-22, 24-26 and 28-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gupta U.S. Patent No. 5,963,949 [hereinafter Gupta] in view of Hitt U.S. Patent No. 6,249,779[hereinafter Hitt].

As per claims 1, Gupta discloses a system for automating data transactions between computers servers, comprising:

a first computer server (see fig. 1c, 140) maintaining a database having stored data recorded therein, said stored data comprising general user information (users meta-data) relating plurality of servers and specific user information (180) associated with a user and maintained at each server of said plurality of servers(see fig. 1c and col. 6, lines 11-28);

program code (applet) residing on said first computer server for creating extracted data by selectively extracting said stored data responsive to a request (see col. 8, lines 15-54); and

additional program code residing on said first computer server for obtaining a blank form, and for parsing said blank form to identify which of said extracted data should be used to fill in at least a part of said blank form (see col. 8, lines 15-54);

form filing program residing on the on the first server for creating a filled form in said

Art Unit: 2157

blank form using an automated fill procedure (see col. 1, lines 17-39).

submitting the automatically filled to a second server (sending the filled to a selective proxy) (see col. 8, lines 55-67).

Gupta is silent regarding: using fuzzy fill procedure.

Nonetheless, the principles of fuzzy logic or artificial intelligence to complete forms is well known in the art and would have been an obvious modification to Gupta system as evidenced by Hitt. Hitt discloses an automated document identification and retrieval system for filling an empty form for information extracted from database using fuzzy fill procedure (fuzzy logic or artificial intelligence) (see col. 4, lines 51-36). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to incorporate the fuzzy fill procedure (fuzzy logic procedure) as taught by Hitt into system such that fuzzy logic is used to automatically fill forms to eliminate the necessity of manual entry of data.

In considering claim 2, Gupta discloses a system, wherein said extracted data includes data for all fields in said blank form (col. 8, lines 15-54).

In considering claim 3, Gupta discloses a system, wherein said blank form is obtained from a second computer server (form originating server) (see fig. 1c and col. 3, line 65 to col. 4, line 14).

Art Unit: 2157

In considering claim 5, Gupta discloses a system, wherein said blank form is a login form (col. 3, lines 44-55).

In considering claim 8, Gupta discloses a system, further comprising:  
an additional database maintained at said first computer server (see fig. 1c and col. 6, lines 11-28);  
additional database having stored form data recorded therein (see fig. 1c and col. 6, lines 11-28);  
stored form data relating to forms required by at least one other computer server (see fig. 1c and col. 6, lines 11-28).

In considering claim 9, Gupta discloses comparing data fields in said blank form with said stored form data recorded in said additional database (col. 8, lines 15-54).

In considering claim 10, Gupta discloses a system wherein said stored form data includes parsed form data from said at least one other computer server (col. 8, lines 15-54).

As per claim 13, Gupta discloses a method for automating data transactions between computers servers, comprising:  
a first computer server (see fig. 1c, 140) maintaining a database having stored data recorded therein, said stored data comprising general user information (users meta

Art Unit: 2157

data) relating plurality of servers and specific user information (180) associated with a user and maintained at each server of said plurality of servers((see fig. 1c and col. 6, lines 11-28);

program code (applet) residing on said first computer server for creating extracted data by selectively extracting said stored data responsive to a request (see col. 8, lines 15 54); and

additional program code residing on said first computer server for obtaining a blank form, and for parsing said blank form to identify which of said extracted data should be used to fill in at least a part of said blank form (see col. 8, lines 15-54);

form filing program residing on the on the first server for creating a filled form in said blank form using an automated fill procedure (see col. 1, lines 17-39).

submitting the automatically filled to a second server (sending the filled to a selective proxy) (see col. 8, lines 55-67)

is silent regarding: using fuzzy fill procedure.

Nonetheless, the principles of fuzzy logic or artificial intelligence to complete forms is well known in the art and would have been an obvious modification to Gupta system as evidenced by Hitt. Hitt discloses an automated document identification and retrieval system for filling an empty form for information extracted from database using fuzzy fill procedure (fuzzy logic or artificial intelligence) (see col. 4, lines 51-36). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to incorporate the fuzzy fill procedure (fuzzy logic procedure) as taught by Hitt

Art Unit: 2157

into system such that fuzzy logic is used to automatically fill forms to eliminate the necessity of manual entry of data.

In considering claim 15, Gupta discloses a system, wherein said blank form is obtained from a second computer server (form originating server) see fig. 1c and col. 3, line 65 to col. 4, line 14).

In considering claim 16, Gupta discloses a system, wherein said blank form is a login form (col. 3, lines 44-55).

In considering claim 19, Gupta discloses a system, further comprising:  
an additional database maintained at said first computer server (see col. 1, lines 18-59 and col. 3, lines 20-65);  
additional database having stored form data recorded therein (see col. 1, lines 18-59 and col. 3, lines 20-65);  
stored form data relating to forms required by at least one other computer server (see col. 1, lines 18-59 and col. 3, lines 20-65).

In considering claim 20, comparing data fields in said blank form with said stored form data recorded in said additional database (see col. 3, lines 20-64).



Art Unit: 2157

In considering claim 21, Gupta discloses a system wherein said stored form data includes parsed form data from said at least one other computer server (see col. 1, lines 18-59).

In considering claim 22, Hitt discloses a system further comprising: as result of parsing filling in said blank form using fuzzy fill procedure (see col. 4, lines 51-36).

As per claim 24, Gupta discloses a system for automating data transactions between computers servers, comprising:

a first computer server (see fig. 1c, 140) maintaining a database having stored data recorded therein, said stored data comprising general user information (users meta data ) relating plurality of servers and specific user information (180) associated with a user and maintained at each server of said plurality of servers((see fig. 1c and col. 6, lines 11-28);  
program code (applet) residing on said first computer server for creating extracted data by selectively extracting said stored data responsive to a request (see col. 8, lines 15-54); and  
additional program code residing on said first computer server for obtaining a blank form, and for parsing said blank form to identify which of said extracted data should be used to fill in at least a part of said blank form (see col. 8, lines 15-54);

Art Unit: 2157

form filing program residing on the on the first server for creating a filled form in said blank form using an automated fill procedure (see col. 1, lines 17-39).  
submitting the automatically filled to a second server (sending the filled to a selective proxy) (see col. 8, lines 55-67)

Gupta is silent regarding: using fuzzy fill procedure.

Nonetheless, the principles of fuzzy logic or artificial intelligence to complete forms is well known in the art and would have been an obvious modification to Gupta system as evidenced by Hitt. Hitt discloses an automated document identification and retrieval system for filling an empty form for information extracted from database using fuzzy fill procedure (fuzzy logic or artificial intelligence) (see col. 4, lines 51-36). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to incorporate the fuzzy fill procedure (fuzzy logic procedure) as taught by Hitt into system such that fuzzy logic is used to automatically fill forms to eliminate the necessity of manual entry of data.

In considering claim 25, Gupta discloses a system, wherein said extracted data includes data for all fields in said blank form (col. 1, lines 18-59).

In considering claim 26, Gupta discloses a system, wherein said blank form is obtained from a second computer server (form originating server) (see fig. 2, element 14).

In considering claims 28 Gupta discloses a system, further comprising:

Art Unit: 2157

an additional database maintained at said first computer server (see fig. 1c and col. 6, lines 11-28);

additional database having stored form data recorded therein (see fig. 1c and col. 6, lines 11-28);

stored form data relating to forms required by at least one other computer server (see fig. 1c and col. 6, lines 11-28).

In considering claim 29, comparing data fields in said blank form with said stored form data recorded in said additional database (see col. 3, lines 20-64).

In considering claim 30, Gupta discloses a system, further comprising:

an additional database maintained at said first computer server (see col. 1, lines 18-59 and col. 3, lines 20-65);

additional database having stored form data recorded therein (see fig. 1c and col. 6, lines 11-28);

stored form data relating to forms required by at least one other computer server (see fig. 1c and col. 6, lines 11-28);

## **CONCLUSION**

7. The prior art made of record and not relied upon is considered pertinent to the applicant's disclosure.

Art Unit: 2157

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Salad E Abdullahi whose telephone number is 571-272-4009. The examiner can normally be reached on 8:30 - 5:00. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 571-272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free)

  
Abdullahi Salad

2/28/2005